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GOVERNOR



HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20080001
Agency Interest No. 4045

Mr. Thomas J. Goodwin
Plant Manager
140 Van Ply Road
Oakdale, LA 71463

RE: Part 70 Operating Permit Renewal and Modification, Oakdale Plywood Plant
Boise Building Solutions, LLC, Oakdale, Allen Parish, Louisiana

Dear Mr. Goodwin:

This is to inform you that the permit renewal and modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2009.

Permit No.: 0060-00008-V3

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:slp
c: EPA Region VI

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

Boise Building Solutions, LLC - Oakdale Plywood Plant

Agency Interest No.: 4045

Boise Building Solutions, LLC

Oakdale, Allen Parish, Louisiana

I. Background

Boise Building Solutions, LLC - Oakdale Plywood Plant, an existing plywood and veneer plant, was purchased by Boise Cascade in 1978. The Boise Building Solutions, LLC - Oakdale Plywood Plant currently operates under Permit No. 0060-00008-V2, issued June 7, 2005.

This is the Part 70 operating permit renewal and modification for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Boise Building Solutions, LLC on May 6, 2008 requesting a Part 70 operating permit renewal and modification.

III. Description

The Oakdale Plywood Mill produces plywood, dry veneer, chips, landscape timbers, and /or 2" x 4" studs as products from southern pine and imported dry eucalyptus veneer. Logs are received at the facility and debarked. The bark and woodwaste are conveyed to a hog that grinds the material into small particles, which is used as fuel in the woodwaste fired boiler (Emission Point ID B1). It should be noted that the boiler burns woodwaste as that term is defined in the LDEQ Solid Waste regulations. This woodwaste includes mill clean-up residue.

Pine logs are processed into plywood peeler blocks and pulp chips. The chips are sold to an outside market. Plywood peeler blocks are sawed into desired lengths and are conditioned in the Log Steam Vats (Emission Point ID LSV) using recycled water heated with steam, then peeled into veneer strips. The green veneer is dried in direct natural gas-fired, indirect steam heated or natural gas/steam combination dryers. Purchased dry and/or green veneer may also be received from other sources within and outside of Boise. This green veneer is dried using the plant's standard processes.

The dried veneer can be sold as finished product to other facilities within and outside of Boise. In addition, the dried veneer can remain on site to be glued together to form different grades and thicknesses of panels. The resulting panels are then put in a steam-heated hot press at the panel assembly to set the glue. The panels are trimmed, sanded (if necessary), and prepared for shipment by truck or rail.

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As a result of a technical review of a Request for an Extension, dated August 30, 2007, and as allowed under 40 CFR 63.6(i)(4)(i)(A), the Department granted an extension until September 30, 2008 for the facility to be in compliance with 40 CFR 63 Subpart DDDD.

In addition to requesting a renewal to its existing Part 70 permit, Boise Building Solutions, LLC is submitting this application to effect the following changes:

- In the existing permit, Boise was authorized to make changes to the wood-waste boiler (EQT 3) to increase the average steam production from 90,000 to 98,500 lb/hr. Boise did not make those changes and is requesting to return to the previously permitted limits for the boiler.
- In the 0060-00008-V0 (March 2004), Boise permitted the installation of a 22 section natural gas No. 5 Veneer Dryer (EQT 15). In the 0060-00008-V2 permit (June 2005), a change was permitted to modify D5 converting 16 of the 22 natural gas-fired sections to steam-heated sections. Veneer Dryer No. 5 has not been installed to date. With this application, Boise plans to install Dryer No. 5 as a 20 section dryer (8 steam and 12 natural gas) with an estimated veneer production rate of 33,730 ft²/hr. This source will become part of the dryer cap. The dryer production cap will be increased to 599 MMft²/yr.
- More realistic VOC and PM emission factors will be used for the veneer dryer cap (GRP 2). In the past, the worst case emission factor from natural gas or steam was applied to the veneer cap production. For this permit, a more reasonable emission factor (taking the ratio of natural gas to steam sections and weighting the emission factor appropriately) is used. This affects the RTO emissions as well.
- As part of the proposed changes, Boise will add a second RCO/RTO (EQT 17). In addition, an RCO/RTO Cap will be established to accommodate the proposed veneer dryer cap production. The RCO/RTO Cap included the dryer production cap.

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- The Log Steam Vats (EQT 5) emissions are based on veneer production. The VOC emissions are increasing slightly to account for the increased veneer production as well as 10% downfall (more logs processed than end up as veneer). In addition, Boise is adding two additional steam vats.
- The emissions from gasoline tank (EQT 16) are being reconciled to account for more up to date tank details. The VOC emissions are increasing from 0.17 tpy to 0.24 tpy.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	121.31	133.46	+ 12.15
SO ₂	17.82	18.40	+ 0.58
NO _x	178.72	197.69	+ 18.97
CO	749.89	757.07	+ 7.18
VOC *	172.91	170.81	-2.1

***VOC LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs):**

Pollutant	Before	After	Change
1,2-Dichloroethane	0.02	0.02	-
1,2-Dichloropropane	0.02	0.02	-
2,4,6-trichlorophenol	<0.001	<0.001	-
2,4-dinitrophenol	<0.001	<0.001	-
Acetaldehyde	3.34	4.48	+1.14
Acetophenone	<0.001	<0.001	-
Acrolein	2.92	2.88	-0.04
Benzene	3.02	2.88	-0.14
Bis(2-ethylhexyl)phthalate	<0.001	<0.001	-
Carbon Disulfide	0.09	0.08	-0.01
Carbon Tetrachloride	0.03	0.03	-

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**Boise Building Solutions, LLC
Oakdale, Allen Parish, Louisiana**

***VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):**

Pollutant	Before	After	Change
Chlorinated dibenzo furans	<0.0001	<0.0001	-
Chlorinated dibenzo-p-dioxins	<0.0001	<0.0001	-
Chlorobenzene	0.02	0.02	-
Chloroform	0.02	0.02	-
Chloromethane	0.02	0.01	-0.01
Cumene	0.01	0.01	-
Dichloromethane	0.20	0.19	-0.01
Ethylbenzene	0.02	0.02	-
Ethylene Glycol	2.91	-	-2.91
Formaldehyde	5.86	5.48	-0.38
n-Hexane	0.52	0.50	-0.02
Methanol	36.89	28.74	-8.15
Methyl bromide	0.01	0.01	-
Methyl Ethyl Ketone	0.024	0.034	+0.01
Methyl Isobutyl Ketone	1.36	1.79	+0.43
Naphthalene	0.08	0.08	-
Pentachlorophenol	<0.001	<0.001	-
Phenol	4.67	4.77	+0.10
Polychlorinated Biphenyls (PCB)	<0.001	<0.001	-
PAHs	0.02	0.02	-
Propionaldehyde	0.06	0.07	+0.01
Styrene	1.36	1.26	-0.10
Toluene	0.74	0.71	-0.03
Tetrachloroethylene	0.03	0.02	-0.01
1,1,1-Trichloroethane	0.02	0.02	-
Trichloroethylene	0.02	0.02	-
Vinyl Chloride	0.01	0.01	-
Xylene	0.48	0.65	+0.17
TOTAL	64.794	54.844	-9.95

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Non-VOC TAPs:

Pollutant	Before	After	Change
Antimony	0.01	0.01	-
Arsenic	0.016	0.016	-
Barium	0.226	0.11	-0.116
Beryllium	0.01	0.001	-0.009
Cadmium	0.092	0.003	-0.089
Chlorine	0.56	0.51	-0.05
Chromium	0.016	0.01	-0.006
Cobalt	0.101	0.004	-0.097
Copper	0.03	0.03	-
Hydrochloric Acid	13.36	12.21	-1.15
Lead	0.03	0.03	-
Manganese	1.13	1.03	-0.10
Mercury	0.01	0.002	-0.009
Nickel	0.02	0.02	-
Phosphorus	0.02	0.02	-
Selenium	0.03	0.002	-0.028
Zinc	0.30	0.28	-0.02
TOTAL	15.961	14.288	-1.674

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, Prevention of Significant Deterioration (PSD), and National Emission Standards for Hazardous Air Pollutants (NESHAP). New Source Performance Standards (NSPS) do not apply.

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51 and hazardous air pollutants (HAPs) pursuant to 40 CFR 63.

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V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Prevention of Significant Deterioration regulations require an analysis of existing air quality for those pollutants emitted in significant amounts from a proposed modified major stationary source. NO_x is the pollutant of concern in this case.

Modeling was conducted using AERMOD pursuant to the protocol approved by the Office of Environmental Assessment, Air Quality Assessment Division on April 29, 2008.

Pollutant	Averaging Period	Preliminary Screening Concentration ($\mu\text{g}/\text{m}^3$)	Level of Significant Impact ($\mu\text{g}/\text{m}^3$)	Significant Monitoring Concentration ($\mu\text{g}/\text{m}^3$)	Preconstruction Monitoring Required?	Refined Modeling Required?
NO _x	Annual	0.5	1	14	No	No

Emissions from the other criteria pollutants associated with the proposed modification were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS

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and AAS. LDEQ did not require the applicant to model emissions for those criteria pollutants.

Emissions of several toxic air pollutants (TAPS) are increasing above their respective Minimum Emission Rate (MER) in association with the proposed modification. Modeling demonstrates that TAP emissions from the Oakdale Plywood Plant will not violate Louisiana Ambient Air Standards (AAS) for toxic air pollutants.

Therefore, the Oakdale plywood Plant will not cause air quality impacts which could adversely affect human health or the environment.

Pollutant	Calculated Maximum Ground Level Conc.	AAS
Acetaldehyde	2.3 $\mu\text{g}/\text{m}^3$	45.5 $\mu\text{g}/\text{m}^3*$
Acrolein	3.0 $\mu\text{g}/\text{m}^3$	5.4 $\mu\text{g}/\text{m}^3*$
Arsenic	0.0004 $\mu\text{g}/\text{m}^3$	0.02 $\mu\text{g}/\text{m}^3*$
Barium	0.1 $\mu\text{g}/\text{m}^3$	11.9 $\mu\text{g}/\text{m}^3*$
Chlorine	0.6 $\mu\text{g}/\text{m}^3$	35.7 $\mu\text{g}/\text{m}^3*$
Chromium	0.0004 $\mu\text{g}/\text{m}^3$	0.01 $\mu\text{g}/\text{m}^3*$
Copper	0.04 $\mu\text{g}/\text{m}^3$	23.8 $\mu\text{g}/\text{m}^3*$
Formaldehyde	2.1 $\mu\text{g}/\text{m}^3$	7.69 $\mu\text{g}/\text{m}^3*$
Manganese	1.2 $\mu\text{g}/\text{m}^3$	4.76 $\mu\text{g}/\text{m}^3*$
Methanol	356.3 $\mu\text{g}/\text{m}^3$	6,240.0 $\mu\text{g}/\text{m}^3*$
Nickel	0.001 $\mu\text{g}/\text{m}^3$	0.21 $\mu\text{g}/\text{m}^3*$
Phenol	26.7 $\mu\text{g}/\text{m}^3$	452.0 $\mu\text{g}/\text{m}^3*$
Zinc	0.30 $\mu\text{g}/\text{m}^3$	119.0 $\mu\text{g}/\text{m}^3*$

VIII. General Condition XVII Activities

Description	Pollutant	Emissions
Sampling	VOC	<0.10 TPY
Changing Filters	VOC	<0.10 TPY
Valve Maintenance	VOC	<0.10 TPY
Boiler Startups/Shutdowns*	PM ₁₀	0.02 TPY
Boiler Startups/Shutdowns*	SO ₂	1.6 TPY
Boiler Startups/Shutdowns*	NO _x	2.0 TPY
Boiler Startups/Shutdowns*	CO	4.4 TPY
Boiler Startups/Shutdowns*	VOC	0.14 TPY

* Boiler emissions are calculated assuming that 45 hours per year are used for boiler startup.

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**Boise Building Solutions, LLC
Oakdale, Allen Parish, Louisiana**

IX. Insignificant Activities

<u>Description</u>	<u>Tank Capacity</u>	<u>Citation</u>
Caustic Storage Tank	10,000 gallons	LAC 33:III.501.B.5.B.40
Caustic Storage Tank	2,000 gallons	LAC 33:III.501.B.5.B.40
Diesel Storage Tank	1,000 gallons	LAC 33:III.501.B.5.A.3
Hydraulic Oil Tank	10,000 gallons	LAC 33:III.501.B.5.A.3
Hydraulic Oil Tank	400 gallons	LAC 33:III.501.B.5.A.3
Storage and Handling Equipment for Bark and Wood Residue	NA	LAC 33:III.501.B.5.B.35
Boiler Fuel Oil Storage Tank	20,000 gallons	LAC 33:III.501.B.5.D
Logyard Diesel Storage Tank	10,000 gallons	LAC 33:III.501.B.5.D
Fire Water Diesel Tank #1	550 gallons	LAC 33:III.501.B.5.A.3
Fire Water Diesel Tank #2	280 gallons	LAC 33:III.501.B.5.A.3
Landfill Diesel Tank	500 gallons	LAC 33:III.501.B.5.A.3
Veneer Composer	260,000 lb/yr	LAC 33:III.501.B.5.A.3
Stud Mill Saw Cyclone	2,000 acfm	LAC 33:III.501.B.5.A.3

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
Agency Interest No.: 4045
Boise Building Solutions Manufacturing LLC
Oakdale, Allen Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III Chapter																		
		5▲	509	9	11	13	15	2103	2104*	2107	2111	2115	2116*	21xx	22	29*	51*	53*	56	59*
UNF 1	Oakdale Plywood Plant	1		1	1	1										1	1	1	1	1
EQT 5	LSV - Log Steam Vats															1				
EQT 8	DWHS - Dry Waste Handling System																			
EQT 11	D1 – Veneer Dryer No. 1 Non Heating Zones																			
EQT 12	D2 – Veneer Dryer No. 2 Non Heating Zones																			
EQT 13	D3 – Veneer Dryer No. 3 Non Heating Zones																			
EQT 14	D4 – Veneer Dryer No. 4 Non Heating Zones																			
EQT 15	D5 – Veneer Dryer No. 5 Non Heating Zones																			
EQT 17	RTO2 – Regenerative Catalytic Thermal Oxidizer 2																			
EQT 18	RTO1 – Regenerative Catalytic Thermal Oxidizer 1																			
EQT 3	B1 – Hogged Fuel Fired Boiler																			
EQT 16	T3 – Gasoline Tank																			
EQT 4	C1 – Boiler House Fuel Cyclone																			

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5▲	509	9	11	13	15	2103	2104*	2107	2111	2115	2116*	21xx	22	29*	51*	53*	56
FUG 1	Panel Assembly Fugitives																		
GRP 2	VDCAP – Veneer Dryer Cap																		
GRP 4	RTOCAP – RTO Cap																		
		1	1	1	2														1

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
 -The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
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Boise Building Solutions Manufacturing LLC
Oakdale, Allen Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR	
		A	K	Ka	Kb	Db	Dc	GG	KKK	III	A	J	V	A	DDDD	VV	HHH	64	68		
UNF 1	Oakdale Plywood Plant																				1
EQT 5	LSV - Log Steam Vats																				
EQT 8	DWHS - Dry Waste Handling System																				
EQT 11	D1 – Veneer Dryer No. 1 Non Heating Zones																				1
EQT 12	D2 – Veneer Dryer No. 2 Non Heating Zones																				1
EQT 13	D3 – Veneer Dryer No. 3 Non Heating Zones																			1	1
EQT 14	D4 – Veneer Dryer No. 4 Non Heating Zones																			1	1
EQT 15	D5 – Veneer Dryer No. 5 Non Heating Zones																			1	1
EQT 17	RTO2 – Regenerative Catalytic Thermal Oxidizer 2																			1	1
EQT 18	RTO1 – Regenerative Catalytic Thermal Oxidizer 1																			1	1
EQT 3	B1 – Hogged Fuel Fired Boiler																				
EQT 16	T3 – Gasoline Tank																				
EQT 4	C1 – Boiler House Fuel Cyclone																				

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS										40 CFR 61				40 CFR 63 NESHAP			
		A	K	Ka	Kb	Db	Dc	GG	KKK	III	A	J	V	A	DDDD	VV	HHH	64	68
FUG 1	Panel Assembly Fugitives																		
GRP 2	VDCAP - Veneer Dryer Cap																		
GRP 4	RTOCAP - RTO Cap																		

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 3 Hogged Fuel Boiler	Emission Standards for Sulfur Dioxide Continuous Emissions Monitoring [LAC 33:III.1511.A] Emission Standards for Sulfur Dioxide Recordkeeping and Reporting [LAC 33:III.1513]	EXEMPT. Units emit less than 250 tons of SO ₂ per year. Record and retain at the site for at least 2 years the data required to demonstrate compliance with or exemption from SO ₂ standards of Chapter 15. Compliance data shall be reported annually in accordance with LAC 33:III.918.
EQT 16 Gasoline Storage Tank	40 CFR 60 Subpart Kb – Standards of Performance for Storage Vessels for Petroleum Liquids [40 CFR 60.110a]	DOES NOT APPLY. Capacity of tank is less than 75 cubic meters. [40 CFR 60.110(b)(a)]
EQT 17 RTO2	Emission Standards for Sulfur Dioxide Continuous Emissions Monitoring [LAC 33:III. Chapter 15]	EXEMPT. Units emit less than 5 tons of SO ₂ per year. Record and retain at the site for at least 2 years the data required to demonstrate compliance with or exemption from SO ₂ standards of Chapter 15.
EQT 18 RTO1		

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

General Information

All ID: 4045 Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
 Activity Number: PER20080001
 Permit Number: 0060-00008-V3
 Air - Title V Regular Permit Renewal

Also Known As:	ID	Name	User Group	Start Date
	0060-00008	Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant	CDS Number	08-05-2002
LAD982307191		Boise Building Solutions Manufacturing LLC - Oakdale	Hazardous Waste Notification	07-17-1987
LA0004901		LPDES #	LPDES Permit #	03-10-2004
WP2604		LWDPS #	LWDPS Permit #	06-25-2003
GDE-003-0234		Site ID #	Solid Waste Facility No.	11-21-1999
67592		Boise Cascade Inc	TEMPO Merge	07-22-2001
8387		Boise Cascade Corp - Oakdale Plywood	TEMPO Merge	07-22-2001
7463KDLPLHWY16		TRI #	Toxic Release Inventory	07-14-2004
02011900		UST Facility ID (from UST legacy data)	UST FID #	10-11-2002
Physical Location:	140 Van Ply Rd Oakdale, LA 71463		Main FAX: Main Phone:	3183357000 3183357038
Mailing Address:	140 Van Ply Rd Oakdale, LA 71463			
Location of Front Gate:	30.787222 latitude, -92.676389 longitude, Coordinate Method: Lat. Long. - DMS, Coordinate Datum: NAD83			
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Thomas Goodwin	140 Van Ply Oakdale, LA 71463	3183357038 (WP)	Responsible Official for
	Thomas Goodwin	140 Van Ply Oakdale, LA 71463	TOMGOODWIN@BIC	Responsible Official for
	Thomas Goodwin	140 Van Ply Oakdale, LA 71463	3183357038 (WP)	Air Permit Contact For
	Thomas Goodwin	140 Van Ply Oakdale, LA 71463	TOMGOODWIN@BIC	Air Permit Contact For
	Thomas Goodwin	140 Van Ply Oakdale, LA 71463	3183357038 (WP)	Emission Inventory Contact for
	Thomas Goodwin	140 Van Ply Oakdale, LA 71463	TOMGOODWIN@BIC	Water Billing Party for
	Thomas Goodwin	140 Van Ply Oakdale, LA 71463	3183357038 (WP)	Underground Storage Tank Contact for
	Thomas Goodwin	140 Van Ply Oakdale, LA 71463	TOMGOODWIN@BIC	Underground Storage Tank Contact for
	Thomas Goodwin	140 Van Ply Oakdale, LA 71463	3183357038 (WP)	Haz. Waste Billing Party for
	Thomas Goodwin	140 Van Ply Oakdale, LA 71463	TOMGOODWIN@BIC	Haz. Waste Billing Party for
	Thomas Goodwin	140 Van Ply Oakdale, LA 71463	3183357038 (WP)	Water Billing Party for
	Thomas Goodwin	140 Van Ply Oakdale, LA 71463	TOMGOODWIN@BIC	Emission Inventory Contact for
Related Organizations:	Name	Address	Phone (Type)	Relationship
LLC	Boise Building Solutions Manufacturing	140 Van Ply Rd Oakdale, LA 71463	3183357038 (WP)	Operates
LLC	Boise Building Solutions Manufacturing	140 Van Ply Rd Oakdale, LA 71463	3183357038 (WP)	Emission Inventory Billing Party
Boise Building Solutions Manufacturing	140 Van Ply Rd Oakdale, LA 71463	3183357038 (WP)	Air Billing Party for	

General Information

AI ID: 4045 Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant

Activity Number: PER20080001

Permit Number: 0060-000008-V3

Air - Title V Regular Permit Renewal

Related Organizations:	Name	Address	Phone (Type)	Relationship
LLC	Boise Building Solutions Manufacturing LLC	140 Van Ply Rd Oakdale, LA 71463	3183367038 (WP)	Owns
NAIC Codes:	3212, Veneer, Plywood, and Engineered Wood Product Manufacturing			

Note: This report entitled "General Information" contains a summary of facility-level information for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to fscupdate@lja.gov.

INVENTORIES

All ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
 Activity Number: PER2008001
 Permit Number: 0060-00008-V3
 Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Oakdale Plywood Plant						
EQT 0003	B1 - Hogged Fuel Fired Boiler	200 MM BTU/hr	150 MM BTU/hr	150 MM BTU/hr		8568 hr/yr
EQT 0004	C1 - Boiler House Fuel Cyclone	29095 ft ³ /min	25300 ft ³ /min	25300 ft ³ /min		8568 hr/yr
EQT 0005	LSV - Log Steam Vats	658.9 MM scf/yr				8760 hr/yr
EQT 0008	DWHS - Dry Waste Handling System	85946 ft ³ /min	78214 ft ³ /min	78214 ft ³ /min		8568 hr/yr
EQT 0011	D1 - Veneer Dyer No. 1 Non Heating Zones	11.7 M sq ft/hr				8568 hr/yr
EQT 0012	D2 - Veneer Dyer No. 2 Non Heating Zones	13 M sq ft/hr				8568 hr/yr
EQT 0013	D3 - Veneer Dyer No. 3 Non Heating Zones	9.6 M sq ft/hr				8568 hr/yr
EQT 0014	D4 - Veneer Dyer No. 4 Non Heating Zones	14,618 M sq ft/hr				8568 hr/yr
EQT 0015	D5 - Veneer Dyer No. 5 Non Heating Zones	37,558 M sq ft/hr	33.73 M sq ft/hr	33.73 M sq ft/hr		8568 hr/yr
EQT 0016	T3 - Gasoline Tank	500 gallons	24000 gallons/yr	24000 gallons/yr		8760 hr/yr
EQT 0017	RTO2 - Regenerative Catalytic/Thermal Oxidizer 2	47882 MM BTU/yr				8760 hr/yr
EQT 0018	RTO1 - Regenerative Catalytic/Thermal Oxidizer 1	59852 MM BTU/yr				8760 hr/yr
FUG 0001	PAF - Panel Assembly Fugitives	10.4 MM lbs/yr	10.4 MM lbs/yr	10.4 MM lbs/yr		8568 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Oakdale Plywood Plant							
EQT 0003	B1 - Hogged Fuel Fired Boiler	27.4	46500	6	90	90	350
EQT 0004	C1 - Boiler House Fuel Cyclone	537.2	25300	1	20	20	77
EQT 0008	DWHS - Dry Waste Handling System		78214				77
EQT 0011	D1 - Veneer Dyer No. 1 Non Heating Zones	6.2	4000	3.7		33	350
EQT 0012	D2 - Veneer Dyer No. 2 Non Heating Zones	5.2	5000	4.5		33	350
EQT 0013	D3 - Veneer Dyer No. 3 Non Heating Zones	7.8	2300	2.5		33	360
EQT 0014	D4 - Veneer Dyer No. 4 Non Heating Zones	26.4	14400	3.4		33	350
EQT 0015	D5 - Veneer Dyer No. 5 Non Heating Zones	7.8	2300	2.5		33	360

Relationships:**Subject Item Groups:**

ID	Group Type	Group Description
CRG 0001	Common Requirements Group	CRG001 - Veneer Dryer Common Requirements
GRP 0002	Equipment Group	VDCAP - Veneer Dryers Cap
GRP 0004	Equipment Group	RTOCAP - RTO Cap
UNF 0001	Unit or Facility Wide	UNFO01 - Oakdale Plywood Plant

INVENTORIES

AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
 Activity Number: PER20080001
 Permit Number: 0060-00008-V3
 Air - Title V Regular Permit Renewal

Group Membership:

ID	Description	Member of Groups
EQT 0011	D1 - Veneer Dryer No. 1 Non Heating Zones	CRG00000000001, GRP00000000002
EQT 0012	D2 - Veneer Dryer No. 2 Non Heating Zones	CRG00000000001, GRP00000000002
EQT 0013	D3 - Veneer Dryer No. 3 Non Heating Zones	CRG00000000001, GRP00000000002
EQT 0014	D4 - Veneer Dryer No. 4 Non Heating Zones	CRG00000000001, GRP00000000002
EQT 0015	D5 - Veneer Dryer No. 5 Non Heating Zones	CRG00000000001, GRP00000000002
EQT 0017	RTO2 - Regenerative Catalytic/Thermal Oxidizer 2	GRP000000004
EQT 0018	RTO1 - Regenerative Catalytic/Thermal Oxidizer 1	GRP000000004

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0270	0270 Softwood Veneer and Plywood		

SIC Codes:

2436	Softwood veneer and plywood	AI 4045
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AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant

Activity Number: PER20080001

Permit Number: 0060-00008-V3

Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Oakdale Plywood Plant															
EQT 0003	176.10	233.50	738.13	50.50	61.20	138.12	10.77	14.36	46.12	63.80	65.10	18.03	3.10	4.00	10.94
EQT 0004							2.60	3.00	11.14						
C1													0.90	1.03	3.95
EQT 0005															
LSV															
EQT 0008															
DWHS															
EQT 0011															
D1															2.05
EQT 0012															1.47
D2															3.76
EQT 0013															0.31
D3															0.46
EQT 0014															5.73
D4															1.03
EQT 0015															10.53
D5															0.11
EQT 0016															5.87
T3															0.49
EQT 0017	4.49			5.34			16.42			0.04					95.79
RT02															
EQT 0018	6.67			7.94			25.07			0.05					138.93
RT01															
FUG 0001															5.75
PAF															6.62
GRP 0002															24.61
VDCAP															83.95
GRP 0004	4.40			18.94	13.89		59.55	11.26		48.24	0.09		0.37	10.94	46.86
RT0CAP															

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
Activity Number: PER20080001
Permit Number: 0060-00008-V3
Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0003 B1	1,1,1-Trichloroethane	0.01	0.01	0.02
	1,2-Dichloroethane	0.004	0.010	0.02
	1,2-Dichloropropane	0.010	0.010	0.02
	2,4,6-Trichlorophenol	<0.001	<0.001	<0.001
	2,4-Dinitrophenol	<0.001	<0.001	<0.001
	Acetaldehyde	0.12	0.17	0.53
	Acetophenone	<0.001	<0.001	<0.001
	Acrolein	0.60	0.800	2.57
	Antimony (and compounds)	0.001	0.002	0.01
	Arsenic (and compounds)	0.004	0.005	0.010
	Barium (and compounds)	0.03	0.03	0.11
	Benzene	0.63	0.84	2.70
	Beryllium (Table 51.1)	<0.001	0.001	0.001
	Cadmium (and compounds)	0.001	0.001	0.003
	Carbon disulfide	0.02	0.03	0.08
	Carbon tetrachloride	0.010	0.010	0.030
	Chlorinated Dibenzo-P-Dioxins	<0.0001	<0.0001	<0.0001
	Chlorinated dibenzofurans	<0.0001	<0.0001	<0.0001
	Chlorine	0.12	0.16	0.51
	Chlorobenzene	0.010	0.010	0.02
	Chloroform	0.004	0.010	0.02
	Chromium VI (and compounds)	0.003	0.005	0.010
	Cobalt compounds	0.001	0.001	0.004
	Copper (and compounds)	0.010	0.010	0.030
	Cumene	0.001	0.002	0.01
	Dichloromethane	0.04	0.06	0.19
	Ethyl benzene	0.010	0.010	0.02
	Formaldehyde	0.71	0.90	2.83
	Hydrochloric acid	2.90	3.80	12.21
	Lead compounds	0.01	0.01	0.03
	Manganese (and compounds)	0.24	0.32	1.03
	Mercury (and compounds)	0.001	0.001	0.002
	Methanol	0.21	0.28	0.90

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
 Activity Number: PER20080001
 Permit Number: 0060-00008-V3
 Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0003 B1	Methyl bromide	0.002	0.003	0.01
	Methyl chloride	0.003	0.010	0.01
	Methyl ethyl ketone	0.001	0.001	0.004
	Methyl isobutyl ketone	0.03	0.04	0.13
	Naphthalene	0.02	0.02	0.08
	Nickel (and compounds)	0.010	0.010	0.020
	Phenol	0.01	0.01	0.03
	Phosphorus	0.004	0.01	0.02
	Polychlorinated biphenyls	<0.001	<0.001	<0.001
	Polynuclear Aromatic Hydrocarbons	0.010	0.010	0.02
	Propionaldehyde	0.01	0.01	0.04
	Selenium (and compounds)	0.002	0.002	0.002
	Styrene	0.29	0.38	1.22
	Tetrachloroethylene	0.01	0.01	0.02
	Toluene	0.14	0.19	0.59
	Trichloroethylene	0.010	0.010	0.02
	Vinyl chloride	0.003	0.004	0.01
	Xylene (mixed isomers)	0.004	0.01	0.02
	Zinc (and compounds)	0.06	0.08	0.27
	bis(2-ethylhexyl)phthalate	<0.001	<0.001	<0.001
	n-Hexane	0.08	0.11	0.35
	pentachloro-Phenol	<0.001	<0.001	<0.001
EQT 0005 LSV	Acetaldehyde	0.350	0.400	1.550
	Methanol	0.550	0.630	2.400
EOT 0011 D1	Acetaldehyde		0.05	
	Acrolein		<0.001	
	Formaldehyde		0.02	
	Methanol		0.11	
	Methyl isobutyl ketone		0.05	
	Phenol		0.08	
	Xylene (mixed isomers)		0.02	
EOT 0012 D2	Acetaldehyde		0.060	
	Acrolein		<0.001	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
 Activity Number: PER20080001
 Permit Number: 0060-00008-V3
 Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0012 D2	Formaldehyde		0.02	
	Methanol		0.13	
	Methyl isobutyl ketone		0.070	
	Phenol		0.08	
	Xylene (mixed isomers)		0.02	
EQT 0013 D3	Acetaldehyde		0.03	
	Formaldehyde		0.01	
	Methanol		0.05	
	Phenol		0.10	
EQT 0014 D4	Acetaldehyde		0.050	
	Formaldehyde		0.020	
	Methanol		0.080	
	Phenol		0.15	
EQT 0015 D5	Acetaldehyde		0.150	
	Acrolein		<0.001	
	Formaldehyde		0.050	
	Methanol		0.280	
	Methyl isobutyl ketone		0.080	
	Phenol		0.320	
EQT 0017 RTO2	Xylene (mixed isomers)		0.030	
	1,4-Dichlorobenzene		<0.001	
	Acetaldehyde		1.48	
	Acrolein		0.20	
	Arsenic (and compounds)		<0.001	
	Barium (and compounds)		<0.001	
	Benzene		0.12	
	Beryllium (Table 51.1)		<0.001	
	Cadmium (and compounds)		<0.001	
	Chromium VI (and compounds)		<0.001	
	Cobalt compounds		<0.001	
	Copper (and compounds)		<0.001	
	Formaldehyde		1.49	
	Lead compounds		<0.001	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
 Activity Number: PER20080001
 Permit Number: 0060-00008-V3
 Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0017 RTO2	Manganese (and compounds)		<0.001	
	Mercury (and compounds)		<0.001	
	Methanol		1.25	
	Methyl ethyl ketone		0.04	
	Methyl isobutyl ketone		0.07	
	Naphthalene		<0.001	
	Nickel (and compounds)		<0.001	
	Phenol		0.17	
	Polynuclear Aromatic Hydrocarbons		<0.001	
	Propionaldehyde		0.06	
	Selenium (and compounds)		<0.001	
	Styrene		0.03	
	Toluene		0.16	
	Xylene (mixed isomers)		0.09	
EOT 0018 RTO1	Zinc (and compounds)		0.002	
	n-Hexane		0.10	
	1,4-Dichlorobenzene		<0.001	
	Acetaldehyde		2.04	
	Acrolein		0.27	
	Arsenic (and compounds)		<0.001	
	Barium (and compounds)		<0.001	
	Benzene		0.17	
	Beryllium (Table 51.1)		<0.001	
	Cadmium (and compounds)		<0.001	
	Chromium VI (and compounds)		<0.001	
	Cobalt compounds		<0.001	
	Copper (and compounds)		<0.001	
	Formaldehyde		2.00	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AJ ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
Activity Number: PER20080001
Permit Number: 0060-00008-V3
Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0018 RTO1	Methyl isobutyl ketone		0.10	
	Naphthalene		<0.001	
	Nickel (and compounds)		<0.001	
	Phenol		0.24	
	Polynuclear Aromatic Hydrocarbons		<0.001	
	Propionaldehyde		0.10	
	Selenium (and compounds)		<0.001	
	Styrene		0.04	
	Toluene		0.22	
	Xylene (mixed isomers)		0.12	
FUG 0001 PAF	Zinc (and compounds)		0.002	
	n-Hexane		0.14	
	Formaldehyde	0.270	0.310	1.14
GRP 0002 VDCAP	Methanol	5.100	5.870	21.850
	Phenol	0.380	0.440	1.640
	Acetaldehyde	0.32		1.380
	Acrolein	0.001		0.003
	Formaldehyde	0.110		0.450
	Methanol	0.700		3.00
	Methyl isobutyl ketone	0.38		1.620
GRP 0004 RTOCAP	Phenol	0.700		3.00
	Xylene (mixed isomers)	0.13		0.570
	1,4-Dichlorobenzene	<0.001		<0.001
	Acetaldehyde	0.24		1.02
	Acrolein	0.03		0.15
	Arsenic (and compounds)	<0.001		<0.001
	Barium (and compounds)	<0.001		<0.001
	Benzene	0.02		0.09
	Beryllium (Table 51.1)	<0.001		<0.001
	Cadmium (and compounds)	<0.001		<0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
Activity Number: PER2008001
Permit Number: 0060-00008-V3
Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0004 RTOCAP	Formaldehyde	0.25		1.06
	Lead compounds	<0.001		<0.001
	Manganese (and compounds)	<0.001		<0.001
	Mercury (and compounds)	<0.001		<0.001
	Methanol	0.14		0.59
	Methyl ethyl ketone	0.01		0.03
	Methyl isobutyl ketone	0.01		0.04
	Naphthalene	<0.001		<0.001
	Nickel (and compounds)	<0.001		<0.001
	Phenol	0.02		0.10
	Polynuclear Aromatic Hydrocarbons	<0.001		<0.001
	Propionaldehyde	0.010		0.03
	Selenium (and compounds)	<0.001		<0.001
	Styrene	0.010		0.02
	Toluene	0.03		0.12
UNF 0001 UNF001	Xylene (mixed isomers)	0.01		0.06
	Zinc (and compounds)	0.001		0.010
	n-Hexane	0.03		0.15
	1,1,1-Trichloroethane			0.02
	1,2-Dichloroethane			0.02
	1,2-Dichloropropane			0.02
	2,4,6-Trichlorophenol			<0.001
	2,4-Dinitrophenol			<0.001
	Acetaldehyde			4.48
	Acetophenone			<0.001
	Acrolein			2.88
	Antimony (and compounds)			0.01
	Arsenic (and compounds)			0.010
	Barium (and compounds)			0.11
	Benzene			2.88
Carbon disulfide	Beryllium (Table 51.1)			0.001
	Cadmium (and compounds)			0.003
	Carbon disulfide			0.08

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
Activity Number: PER20080001
Permit Number: 0060-00008-V3
Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 UNF001	Carbon tetrachloride			0.030
	Chlorinated Dibenzo-P-Dioxins			<0.0001
	Chlorinated dibenzofurans			<0.0001
	Chlorine			0.51
	Chlorobenzene			0.02
	Chloroform			0.02
	Chromium VI (and compounds)			0.010
	Cobalt compounds			0.004
	Copper (and compounds)			0.030
	Cumene			0.01
	Dichloromethane			0.19
	Ethyl benzene			0.02
	Formaldehyde			5.48
	Hydrochloric acid			12.21
	Lead compounds			0.03
	Manganese (and compounds)			1.03
	Mercury (and compounds)			0.002
	Methanol			28.74
	Methyl bromide			0.01
	Methyl chloride			0.01
	Methyl ethyl ketone			0.034
	Methyl isobutyl ketone			1.79
	Naphthalene			0.08
	Nickel (and compounds)			0.020
	Phenol			4.77
	Phosphorus			0.02
	Polychlorinated biphenyls			<0.001
	Polynuclear Aromatic Hydrocarbons			0.02
	Propionaldehyde			0.07
	Selenium (and compounds)			0.002
	Styrene			1.26
	Tetrachloroethylene			0.02
	Toluene			0.71

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
Activity Number: PER20080001
Permit Number: 0060-00008-V3
Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 UNF001	Trichloroethylene			0.02
	Vinyl chloride			0.01
	Xylene (mixed isomers)			0.65
	Zinc (and compounds)			0.27
	bis(2-ethylhexyl)phthalate			<0.001
	n-Hexane			0.50
	pentachloro-Phenol			<0.001

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
Activity Number: PER20080001
Permit Number: 0060-0008-V3
Air - Title V Regular Permit Renewal

CRG 001 CRG001 - Veneer Dryer Common Requirements

Group Members: EQT 0011EQT 0012EQT 0014EQT 0015

- 1 [40 CFR 63.224(a)] Total Hydrocarbon >= 90 % reduction. Subpart DDDD.
Which Months: All Year Statistical Basis: None specified
Minimize fugitive emissions from the dryer doors (through proper maintenance procedures) and the green end of the dryers (through proper balancing of the heat zone exhausts). Subpart DDDD. [40 CFR 63.224(1)(a)]
- 2 [40 CFR 63.224(1)(a)] Demonstrate initial compliance with each applicable compliance option, operating requirement, and work practice requirement according to 40 CFR 63 Subpart DDDD Tables 5 and 6. Conduct performance tests and establishing each site-specific operating requirement in 40 CFR 63 Subpart DDDD Table 4. Subpart DDDD.
- 3 [40 CFR 63.226(a)] Subpart DDDD Table 2 according to the requirements in 40 CFR 63.2262 and 40 CFR 63 Subpart DDDD Table 4. Subpart DDDD.
- 4 [40 CFR 63.2262] Conduct each performance test according to the requirements in 40 CFR 63.7(e)(1), the requirements in 40 CFR 63.2262(b) through (o), and according to the methods specified in 40 CFR 63 Subpart DDDD Table 4. Subpart DDDD.
- 5 [40 CFR 63.2265] Initial compliance demonstration: Develop a plan for review and approval for minimizing fugitive emissions from the veneer dryer heated zones, and submit the plan with the Notification of Compliance Status. Subpart DDDD.
- 6 [40 CFR 63.2271(a)] Demonstrate continuous compliance with the applicable compliance options, operating requirements, and work practice requirements in 40 CFR 63.2240 and 63.2241 according to the methods specified in 40 CFR 63 Subpart DDDD Tables 7 and 8. Subpart DDDD. [40 CFR 63.2271(a)]
- 7 [40 CFR 63.2282] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.2282(a) through (e), as applicable. Subpart DDDD.
- 8 [40 CFR 63.2283] Keep records in a form suitable and readily available for expedited review as specified in 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. Keep each record on site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record. The remaining 3 years may be kept offsite. Subpart DDDD.
- 9 [LAC 33:III.509] Permittee shall route heating zone emissions from these sources to a regenerative thermal oxidizer (RTO) in order to control emissions of VOC. Determined as BACT.
- 10 [LAC 33:III.5109.A] Compliance with NESHAP 40 CFR 63 Subpart DDDD has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.

EQT 0003 B1 - Hogged Fuel Fired Boiler

- 11 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified
Total suspended particulate <= 0.6 lb/MM/BTU of heat input.
Which Months: All Year Statistical Basis: None specified
Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions Equipment/operational data recordkeeping by electronic or hard copy once initially and annually.
- 12 [LAC 33:III.1313.C]
- 13 [LAC 33:III.1513.C]

SPECIFIC REQUIREMENTS

AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
 Activity Number: PER20080001
 Permit Number: 0060-0008-V3
 Air - Title V Regular Permit Renewal

EQT 0003 B1 - Hogged Fuel Fired Boiler

14 [LAC 33:III.501.C.6]

Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

15 [LAC 33:III.501.C.6]

Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

16 [LAC 33:III.501.C.6]

Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed.

17 [LAC 33:III.510.A]

For any boiler not previously subject to this requirement, and for which any preceding test was performed more than five and one half years ago, the test must be performed within 180 days after the issuance of this permit modification. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 25A - Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer; Method 6C - Determination of Sulfur Dioxide Emissions from Stationary Sources; and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack tests methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Maintain O₂ in flue gas >2%. Utilize cyclones to control metal emissions.

18 [LAC 33:III.5109]

Oxygen: Report Oxygen concentration in flue gas semiannually with Part 70 General Condition K reports.

Monitor O₂ concentration in flue gas continuously. Oxygen monitored by technically sound method continuously.

Which Months: All Year Statistical Basis: Constant

Flue gas Oxygen recordkeeping by electronic or hard copy at the approved frequency.

EQT 0004 C1 - Boiler House Fuel Cyclone

21 [LAC 33:III.1311.C]

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

22 [LAC 33:III.501.C.6]

Cyclone vents: Visible emissions monitored by visual inspection/determination daily.

Which Months: All Year Statistical Basis: None specified

23 [LAC 33:III.501.C.6]

Cyclone vents: Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.

Which Months: All Year Statistical Basis: None specified

24 [LAC 33:III.501.C.6]

Cyclone vents: Visible emissions recordkeeping by electronic or hard copy daily.

25 [LAC 33:III.501.C.6]

Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

SPECIFIC REQUIREMENTS

AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
Activity Number: PER20080001
Permit Number: 0060-00008-V3
Air - Title V Regular Permit Renewal

EQT 0005 LSV - Log Steam Vats

- 26 [LAC 33:III.509]
 27 [LAC 33:III.5109.A]

No additional controls are determined to be BACT.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 DEQ has determined that no additional controls constitutes MACT.

EQT 0008 DWHS - Dry Waste Handling System

- 28 [LAC 33:III.1311.C]

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Cyclone vents: Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.

Which Months: All Year Statistical Basis: None specified

Cyclone vents: Visible emissions recordkeeping by electronic or hard copy daily.

Cyclone vents: Visible emissions monitored by visual inspection/determination daily.

Which Months: All Year Statistical Basis: None specified

EQT 0011 D1 - Veneer Dryer No. 1 Non Heating Zones

- 33 [LAC 33:III.1311.C]

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Due to the configuration of the exhaust stacks, Method 9 testing is not possible.

Which Months: All Year Statistical Basis: Six-minute average

EQT 0012 D2 - Veneer Dryer No. 2 Non Heating Zones

- 34 [LAC 33:III.1311.C]

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Due to the configuration of the exhaust stacks, Method 9 testing is not possible.

Which Months: All Year Statistical Basis: Six-minute average

EQT 0013 D3 - Veneer Dryer No. 3 Non Heating Zones

- 35 [LAC 33:III.1311.C]

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Due to the configuration of the exhaust stacks, Method 9 testing is not possible.

Which Months: All Year Statistical Basis: Six-minute average

EQT 0014 D4 - Veneer Dryer No. 4 Non Heating Zones

SPECIFIC REQUIREMENTS

AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
Activity Number: PER20080001
Permit Number: 0060-00008-V3
Air - Title V Regular Permit Renewal

EQT 0014 D4 - Veneer Dryer No. 4 Non Heating Zones

36 [LAC 33:III.13(1.C)] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Due to the configuration of the exhaust stacks, Method 9 testing is not possible.

Which Months: All Year Statistical Basis: Six-minute average

Permittee shall use Low NOx burners for the natural gas fired dryer sections in order to control the emissions of NOx. Determined as BACT.

EQT 0015 D5 - Veneer Dryer No. 5 Non Heating Zones

38 [LAC 33:III.13(1.C)] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Due to the configuration of the exhaust stacks, Method 9 testing is not possible.

Which Months: All Year Statistical Basis: Six-minute average

Permittee shall use Low NOx burners for the natural gas fired dryer sections in order to control the emissions of NOx. Determined as BACT.

EQT 0016 T3 - Gasoline Tank

40 [LAC 33:III.21(3.A)] Equip with a submerged fill pipe.

41 [LAC 33:III.21(3.H.3)] Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.

42 [LAC 33:III.21(3.I)] Equipment/operational data recordkeeping by electronic or hard copy at the regulations specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0017 RTO2 - Regenerative Catalytic/Thermal Oxidizer 2

43 [40 CFR 63.2240(b)] Comply with one of the six compliance options and operating requirements for RTOs listed in Tables 1b and 2 for all softwood veneer dryer heated zones. Subpart DDDD.

Which Months: All Year Statistical Basis: 3-hour block average. [40 CFR 63.2240(b)] Temperature: Temperature >= 1500 F, for the firebox temperature. The owner or operator may redetermine the upper and/or lower temperature limit, as appropriate, based on data established during the most recent performance test or other information and submit an application to the applicable regulatory authority to change the applicable limit(s). The redetermined limit shall become effective upon approval by the applicable regulatory authority. The Department's approval need not be in the form of a permit modification if the conditions outlined in 40 CFR 70.4(b)(12) and 502(b)(10) of the Clean Air Act are satisfied, and can be incorporated under an administrative amendment. Subpart DDDD.

Which Months: All year Statistical Basis: 3-hour block.

Justify the need for the routine maintenance on the control device and the time required to accomplish the maintenance activities, describe the maintenance activities and the frequency of the maintenance activities, explain why the maintenance cannot be accomplished during process shutdowns, describe the plan to make reasonable efforts to minimize emissions during the maintenance, and provide any other documentation required by EPA, if requesting a routine control device maintenance exemption from EPA for routine maintenance events such as control device bakeouts, washouts, media replacement, and replacement of corroded parts. Subpart DDDD. [40 CFR 63.2251(a)]

Minimize emissions to the greatest extent possible during routine control device maintenance periods. Subpart DDDD. [40 CFR 63.2251(d)]

SPECIFIC REQUIREMENTS**AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant****Activity Number: PER20080001****Permit Number: 0060-00008-V3****Air - Title V Regular Permit Renewal****EQT_0017 RTO2 - Regenerative Catalytic/Thermal Oxidizer 2**

- Schedule startup and shutdown of emission control systems, to the extent practical, during times when process equipment is also shut down.
- Subpart DDDD. [40 CFR 63.2251(e)]
Demonstrate initial compliance with each applicable compliance option, operating requirement, and work practice requirement according to 40 CFR 63 Subpart DDDD Tables 5 and 6. Conduct performance tests and establishing each site-specific operating requirement in 40 CFR 63 Subpart DDDD Table 2 according to the requirements in 40 CFR 63.2262 and 40 CFR 63 Subpart DDDD Table 4. Subpart DDDD.
Conduct each performance test according to the requirements in 40 CFR 63.7(e)(1), the requirements in 40 CFR 63.2262(b) through (o), and according to the methods specified in 40 CFR 63 Subpart DDDD Table 4. Subpart DDDD.
- Temperature monitoring device: Perform an electronic calibration at least semiannually according to the procedures in the manufacturer's owners manual. Following the electronic calibration, conduct a temperature sensor validation check in which a second or redundant temperature sensor placed nearby the process temperature sensor must yield a reading within 30F of the process temperature sensor's reading. Subpart DDDD. [40 CFR 63.2269(b)(4)]
Temperature monitoring device: Conduct calibration and validation checks any time the sensor exceeds the manufacturer's specified maximum operating temperature range or install a new temperature sensor. Subpart DDDD. [40 CFR 63.2269(b)(5)]
Temperature monitoring device: Inspect all components for integrity and all electrical connections for continuity, oxidation, and galvanic corrosion at least quarterly. Subpart DDDD. [40 CFR 63.2269(b)(6)]
Temperature monitored by temperature monitoring device continuously. Locate the temperature sensor in a position that provides a representative temperature. Subpart DDDD. [40 CFR 63.2269(b)]
Which Months: All Year Statistical Basis: 3-hour block average
Demonstrate continuous compliance with the applicable compliance options, operating requirements, and work practice requirements in 40 CFR 63.2240 and 63.2241 according to the methods specified in 40 CFR 63 Subpart DDDD Tables 7 and 8. Subpart DDDD. [40 CFR 63.2271(a)]
Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.2282(a) through (e), as applicable. Subpart DDDD.
Keep records in a form suitable and readily available for expeditious review as specified in 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. Keep each record on site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record. The remaining 3 years may be kept offsite. Subpart DDDD.
Opacity <= 20 percent.
Which Months: All Year Statistical Basis: Six-minute average
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average
VOC, Total >= 95 % control efficiency.
Which Months: All Year Statistical Basis: Three-hour average
Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
Compliance with NESHAP 40 CFR 63 Subpart DDDD has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.
- 47 [40 CFR 63.2251(e)]
48 [40 CFR 63.2260]
49 [40 CFR 63.2262]
50 [40 CFR 63.2269(b)(4)]
51 [40 CFR 63.2269(b)(5)]
52 [40 CFR 63.2269(b)(6)]
53 [40 CFR 63.2269(b)]
54 [40 CFR 63.2271(a)]
55 [40 CFR 63.2282]
56 [40 CFR 63.2283]
57 [LAC 33:III.1101.B]
58 [LAC 33:III.1311.C]
59 [LAC 33:III.501.C.6]
60 [LAC 33:III.5107.A.2]
61 [LAC 33:III.5109.A.1]

SPECIFIC REQUIREMENTS

AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
Activity Number: PER20080001
Permit Number: 0060-00008-V3
Air - Title V Regular Permit Renewal

EQT 0018 RTO1 - Regenerative Catalytic/Thermal Oxidizer 1

Comply with one of the six compliance options and operating requirements for RTOs listed in Tables 1b and 2 for all softwood veneer dryer heated zones. Subpart DDDD.

Which Months: All Year Statistical Basis: 3-hour block average. [40 CFR 63.2240(b)]

Temperature: Temperature ≥ 1500 F, for the firebox temperature. The owner or operator may redetermine the upper and/or lower temperature limit, as appropriate, based on data established during the most recent performance test or other information and submit an application to the applicable regulatory authority to change the applicable limit(s). The redetermined limit shall become effective upon approval by the applicable regulatory authority. The Department's approval need not be in the form of a permit modification if the conditions outlined in 40 CFR 70.4(b)(12) and 502(b)(10) of the Clean Air Act are satisfied, and can be incorporated under an administrative amendment. Subpart DDDD.

Which Months: All year Statistical Basis: 3-hour block.

Justify the need for the routine maintenance on the control device and the time required to accomplish the maintenance activities, describe the maintenance activities and the frequency of the maintenance activities, explain why the maintenance cannot be accomplished during process shutdowns, describe the plan to make reasonable efforts to minimize emissions during the maintenance, and provide any other documentation required by EPA, if requesting a routine control device maintenance exemption from EPA for routine maintenance events such as control device bakeouts, washouts, media replacement, and replacement of corroded parts. Subpart DDDD. [40 CFR 63.2251(a)]

Minimize emissions to the greatest extent possible during routine control device maintenance periods. Subpart DDDD. [40 CFR 63.2251(d)]

Schedule startup and shutdown of emission control systems, to the extent practical, during times when process equipment is also shut down. Subpart DDDD. [40 CFR 63.2251(e)]

Demonstrate initial compliance with each applicable compliance option, operating requirement according to 40 CFR 63 CFR 63 Subpart DDDD Tables 5 and 6. Conduct performance tests and establishing each site-specific operating requirement in 40 CFR 63 Subpart DDDD Table 4. Subpart DDDD.

Subpart DDDD Table 2 according to the requirements in 40 CFR 63.2262 and 40 CFR 63 Subpart DDDD Table 4. Subpart DDDD. Conduct each performance test according to the requirements in 40 CFR 63.7(e)(1), the requirements in 40 CFR 63.2262(b) through (o), and according to the methods specified in 40 CFR 63 Subpart DDDD Table 4. Subpart DDDD.

Temperature monitoring device: Perform an electronic calibration at least semiannually according to the procedures in the manufacturer's owners manual. Following the electronic calibration, conduct a temperature sensor validation check in which a second or redundant temperature sensor placed near the process temperature sensor must yield a reading within 30F of the process temperature sensor's reading. Subpart DDDD. [40 CFR 63.2269(b)(4)]

Temperature monitoring device: Conduct calibration and validation checks any time the sensor exceeds the manufacturer's specified maximum operating temperature range or install a new temperature sensor. Subpart DDDD. [40 CFR 63.2269(b)(5)]

Temperature monitoring device: Inspect all components for integrity and all electrical connections for continuity, oxidation, and galvanic corrosion at least quarterly. Subpart DDDD. [40 CFR 63.2269(b)(6)]

Temperature monitored by temperature monitoring device continuously. Locate the temperature sensor in a position that provides a representative temperature. Subpart DDDD. [40 CFR 63.2269(b)]

Which Months: All Year Statistical Basis: 3-hour block average.

Demonstrate continuous compliance with the applicable compliance options, operating requirements, and work practice requirements in 40 CFR 63.2240 and 63.2241 according to the methods specified in 40 CFR 63 Subpart DDDD Tables 7 and 8. Subpart DDDD. [40 CFR 63.2271(a)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.2282(a) through (e), as applicable. Subpart DDDD.

SPECIFIC REQUIREMENTS**AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant****Activity Number: PER20080001****Permit Number: 0060-00008-V3****Air - Title V Regular Permit Renewal****EQT 0018 RTO1 - Regenerative Catalytic/Thermal Oxidizer 1**

Keep records in a form suitable and readily available for expeditious review as specified in 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. Keep each record on site for at least 2 years after the date of each occurrence, measurement, corrective action, report, or record. The remaining 3 years may be kept offsite. Subpart DDDD.

Opacity <= 20 percent.

Which Months: All Year Statistical Basis: Six-minute average

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

VOC, Total >= 95 % control efficiency.

Which Months: All Year Statistical Basis: Three-hour average

Include emissions of all toxic air pollutants listed in LAC 31:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

Compliance with NESHAP 40 CFR 63 Subpart DDDD has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.

FUG 0001 PAF - Panel Assembly Fugitives

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Shall limit annual resin usage to 10.4 MMlb/yr.

GRP 0002 VDCAP - Veneer Dryers Cap**Group Member: EQT 0011EQT 0012EQT 0013EQT 0014EQT 0015**

Dry Veneer Production rate recordkeeping by electronic or hard copy monthly. Keep records of the total Dry Veneer Production rate each month, as well as the total Dry Veneer Production rate for the last twelve months. Make records available for inspection by DEQ personnel. Dry Veneer Production rate monitored by technically sound method monthly.

Which Months: All Year Statistical Basis: None specified
Dry Veneer Production rate <= 599 MM sq ft/yr 3/8" basis. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if Dry Veneer Production exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: Constant
Submit report: Due annually, by the 31st of March. Report the Dry Veneer Production rate for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

SPECIFIC REQUIREMENTS

AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
Activity Number: PER20080001
Permit Number: 0060-0008-V3
Air - Title V Regular Permit Renewal

GRP_0002_VDCAP - Veneer Dryers Cap

Compliance with NESHAP 40 CFR 63 Subpart DDDD has been determined to be compliance with MACT in accordance with LAC 33.III.5109.A.2.

GRP_0004_RTOCAP - RTO Cap

Group Members: EQT 0017EQT 0018

88 [LAC 33.III.501.C.6]

Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within 180 days after the issuance of a permit renewal, whichever comes later. The test shall be performed on only one of the Regenerative Thermal Oxidizers at a time. The Regenerative Thermal Oxidizer selected will be alternated for the subsequent performance/emissions tests due every 5 years. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer; and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack tests methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33.III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

UNF_0001_UNF001 - Oakdale Plywood Plant

Be in compliance with the compliance options, operating requirements, and the work practice requirements in 40 CFR 63 Subpart DDDD at all times, except during periods of process unit or control device startup, shutdown, and malfunction and during the routine control device maintenance exemption specified in 40 CFR 63.2251. Subpart DDDD. [40 CFR 63.2250(a)] Operate and maintain the affected source, including air pollution control and monitoring equipment, according to the provisions in 40 CFR 63.6(e)(1)(i). Subpart DDDD. [40 CFR 63.2250(b)] Develop a written SSMP according to the provisions in 40 CFR 63.6(e)(3). Subpart DDDD. [40 CFR 63.2250(c)] Operate in accordance with the SSMP during periods of startup, shutdown, and malfunction. Subpart DDDD. [40 CFR 63.2271(b)(1)] Report each instance in which the applicable compliance options, operating requirements, and work practice requirements in 40 CFR 63 Subpart DDDD Tables 7 and 8 were not met in accordance with 40 CFR 63.2281. Subpart DDDD. [40 CFR 63.2271(b)]

SPECIFIC REQUIREMENTS**AJ ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant****Activity Number: PER2008001****Permit Number: 0060-00008-V3****Air - Title V Regular Permit Renewal****UNF 0001 UNF001 - Oakdale Plywood Plant**

- 96 [40 CFR 63.2280(a)] Submit all of the notifications in 40 CFR 63.7(b) and (c), 63.8(e), (f)(4) and (f)(6), 63.9 (b) through (e), and (g) and (h) by the dates specified.
Subpart DDDD. [40 CFR 63.2280(a)]
- 97 [40 CFR 63.2280(c)] Submit a written notification of intent to conduct a performance test at least 60 calendar days before the performance test is scheduled to begin as specified in 40 CFR 63.7(b)(1), if required to conduct a performance test. Subpart DDDD. [40 CFR 63.2280(c)]
- 98 [40 CFR 63.2280(d)] Submit Notification of Compliance Status: Due by the dates specified in 40 CFR 63.2280(d)(1) and (d)(2). Submit the report as specified in 40 CFR 63.9(h)(2)(ii), if required to conduct a performance test, design evaluation, or other initial compliance demonstration as specified in 40 CFR 63 Subpart DDDD Tables 4, 5, and 6. Subpart DDDD. [40 CFR 63.2280(d)]
- 99 [40 CFR 63.2280(g)] Submit Notification: Due to EPA within 30 days before taking any of the actions specified in 40 CFR 63.2280(g)(1) through (g)(3). Subpart DDDD. [40 CFR 63.2280(g)]
- 100 [40 CFR 63.2281(a)] Submit compliance status report: Due semiannually, by the 31st of January and July, as specified in 40 CFR 63.2281(b). Include the information specified in 40 CFR 63.2281(c) through (g), as applicable. Subpart DDDD. [40 CFR 63.2281(g)]
- 101 [40 CFR 63.2281(a)] Submit startup, shutdown, malfunction report: Due by fax or telephone within 2 working days after starting actions inconsistent with the startup, shutdown and malfunction plan. Include the actions taken for the event. Submit a letter within 7 working days after the end of the event unless alternative arrangements have been made with DEQ. Include the information specified in 40 CFR 63.10(d)(5)(ii). Subpart DDDD. [40 CFR 63.2281(a)]
- 102 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 1-10 of 40 CFR 63 Subpart DDDD.
- 103 [40 CFR 70.5(a)(1)(iii)] Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 104 [40 CFR 70.6(a)(3)(iii)(A)] Submit Title V monitoring results report: Due semiannually, by March 31 and September 30 for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 105 [40 CFR 70.6(a)(3)(iii)(B)] Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
- 106 [40 CFR 70.6(c)(5)(iv)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 107 [LAC 33-III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33-III.111 or intensify an existing traffic hazard condition are prohibited.
- 108 [LAC 33-III.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.

SPECIFIC REQUIREMENTS

AI ID: 4045 - Boise Building Solutions Manufacturing LLC - Oakdale Plywood Plant
Activity Number: PER20080001
Permit Number: 0060-00008-V3
Air - Title V Regular Permit Renewal

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- 109 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 110 [LAC 33:III.2191] Comply with the requirements of PSD-LA-743. This permit includes provisions of the Prevention of Significant Deterioration (PSD) review from Permit PSD-LA-743.
- 111 [LAC 33:III.509] Include a certification statement with the annual emission report and revisions to any emission report that attests that the information contained in the emission report is true, accurate, and complete, and that is signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official.
- 112 [LAC 33:III.5107.A.2] Submit Annual Emissions Report (TEDI). Due annually, by the 31st of March unless otherwise directed by DEQ, to the Office of Environmental Assessment in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.
- 113 [LAC 33:III.5107.A] Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but in no case later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere that results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).
- 114 [LAC 33:III.5107.B.1] Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:III.1.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:III.1.3923.
- 115 [LAC 33:III.5107.B.2] Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:III.1.3931.
- 116 [LAC 33:III.5107.B.3] Submit notification in the manner provided in LAC 33:III.1.3923.
- 117 [LAC 33:III.5107.B.4] Submit written report: Due by certified mail to SPOC within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through B.3. Include the information specified in LAC 33:III.5107.B.4.a.i through B.4.a.viii.
- 118 [LAC 33:III.5107.B.5] Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, IF THEY CAN BE MEASURED AND CAN BE RELIABLY QUANTIFIED USING GOOD ENGINEERING PRACTICES, to DEQ along with the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.
- 119 [LAC 33:III.535] Permittee shall comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537]

SPECIFIC REQUIREMENTS

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- 120 [LAC 33:III.5611.A] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency. Due within 30 days after requested by the administrative authority. During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- 121 [LAC 33:III.5611.B] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment.
- 122 [LAC 33:III.919.D] Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.